

## Electronic Patent Application Fee Transmittal

| Application Number:                     | 10644859  |          |        |                      |
|---|---|----------|--------|----------------------|
| Filing Date:                            | 21-Aug-2003   |          |        |                      |
| Title of Invention:                     | ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORBENT FOR ADSOPRTION HEAT PUMP |          |        |                      |
| First Named Inventor/Applicant Name:    | Hiroyuki Kakiuchi   |          |        |                      |
| Filer:                                  | Marvin Jay Spivak/April Foubare   |          |        |                      |
| Attorney Docket Number:                 | 241676US0XCONT  |          |        |                      |
| Filed as Large Entity                   |   |          |        |                      |
| <b>Utility Filing Fees</b>              |   |          |        |                      |
| Description                             | Fee Code  | Quantity | Amount | Sub-Total in USD(\$) |
| <b>Basic Filing:</b>                    |   |          |        |                      |
| <b>Pages:</b>                           |   |          |        |                      |
| <b>Claims:</b>                          |   |          |        |                      |
| Claims in excess of 20                  | 1202  | 20       | 50     | 1000                 |
| <b>Miscellaneous-Filing:</b>            |   |          |        |                      |
| <b>Petition:</b>                        |   |          |        |                      |
| <b>Patent-Appeals-and-Interference:</b> |   |          |        |                      |
| Post-Allowance-and-Post-Issuance:       |   |          |        |                      |
| <b>Extension-of-Time:</b>               |   |          |        |                      |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-----------------------------------|----------|----------|--------|----------------------|
| Extension - 1 month with \$0 paid | 1251     | 1        | 120    | 120                  |
| <b>Miscellaneous:</b>             |          |          |        |                      |
| <b>Total in USD (\$)</b>          |          |          |        | <b>1120</b>          |